

Claims

1. A protein having DNase activity, comprising the amino acid sequence of fig. 1 or a functional derivative or fragment thereof.
2. A DNA encoding the protein according to claim 1.
3. The DNA according to claim 2, wherein the DNA comprises:
 - (a) the DNA of fig. 1 or a portion thereof,
 - (b) a DNA hybridizing with the DNA of (a), or
 - (c) a DNA related to the DNA of (a) or (b) via the degenerated genetic code.
4. An expression plasmid comprising the DNA according to claim 2 ~~or 3~~.
5. A transformant containing the expression plasmid according to claim 4.
6. A process for the preparation of the protein according to claim 1, comprising the cultivation of the transformant according to claim 5 under suitable conditions.
7. Antibodies directed against the protein according to claim 1.
8. Use of the protein according to claim 1 as a reagent for diagnosis and/or treatment.
9. Use of the DNA according to claim 2 ~~or 3~~ as a reagent for diagnosis and/or treatment.
10. Use of the antibody according to claim 9 as a reagent for diagnosis and/or treatment.

PdD
B1
PdD D2